

# Excalibur Series

A powerful weapon to deal with regular blackouts while maintaining a quiet office environment

EL3000-AL / EL5000-AL



\* EL3000-AL / EL5000-AL

## EL3000-AL / EL5000-AL

Just like the legendary sword, the Excalibur series of UPS is all about protection. They cut through harmful unstable electric currents, and provide the utmost stable and clean current for your vital equipments. The Excalibur comes in two models: the Excalibur 3000 and the 5000. Both serve your every need, and provide ideal levels of power protection for manufacturing process control, servers, and telecommunication equipment. Trust the only name that is ready to protect your critical equipment.

### Features

- \* LCD Display
- \* Environmental friendly, less noise pollution
- \* Energy saving unit, consumes less power
- \* Easy installation
- \* Transportable
- \* Extra long backup time
- \* Fast recharge time
- \* Advanced CPU control provides the most stable system
- \* Self-protection features available to detect unit fault conditions
- \* RS232 communication port
- \* High efficiency AC mode, more than 85%
- \* Specially designed for office equipment, such as PC and copy machines
- \* Smart power management software
- \* SNMP card slot

### Specifications

Model Name	EL3000-AL	EL5000-AL
Topology	Line-Interactive	
On-battery Output Waveform	Pure Sine Wave	
<b>INPUT</b>		
Maximum Capacity	3000VA / 1800W	5000VA / 3000W
Nominal Input Voltage	100V/110V/120V or 220V/230V/240V	
Nominal Input Frequency	50Hz / 60Hz Auto Sensing	
Input Voltage Range	Nominal +/- 25%	
<b>OUTPUT</b>		
Nominal Output Voltage	100V/110V/120V or 220V/230V/240V	
Output Voltage Range	Rated Voltage +/- 5% (on battery)	
Transfer Time (Typical)	4ms	
Nominal Output Frequency	50Hz / 60Hz Auto Sensing	
Automatic Voltage Adjustment	When the input voltage is 9 % to 25 % lower than the mains electricity, AVR automatically raises the voltage by 15% When the input voltage is 9 % to 25 % higher than the mains electricity, AVR automatically lowers the voltage by 15%	
<b>PROTECTION &amp; FILTERING</b>		
Surge Protection	320J, 2ms	
Overload Protection	When the load is higher than 100% the UPS automatically shuts down in 20 seconds When the load is higher than 125% the UPS automatically shuts down in 5 seconds	
EMI / RFI Filter	10db at 0.15 MHz, 50db at 30MHz	
Short Circuit	Immediately cuts off the output or switches off the input protection switch	
Data Line Surge Protection	RJ11 / RJ45	
<b>BATTERY</b>		
User Replaceable Batteries	12V/100AH (4 set x 4 pcs) (optional)	12V/100AH (2 set x 6 pcs) (optional)
Charging Current	10A	
Backup Time	> 8 hours	
<b>ADVANCED WARNINGS / DIAGNOSTICS</b>		
Battery Protection	Over-discharge protection and battery error display	
Battery Mode	Alarm sound (once every 4 seconds)	
Battery Low Voltage	Alarm sound (once every 1 second)	
Overload	Long alarm sound	
<b>ENVIRONMENTAL</b>		
Working Environment	3000 meters max. Humidity 0 ~ 95 % (no condensation), temperature 0 ~ 48 C	
Storage Elevation	0~15000 meters elevation	
Audible Noise	< 45 dBA	
<b>PHYSICAL</b>		
Physical / Packing (mm / in)	820 x 555 x 250 / 32.3 x 21.9 x 9.8	820 x 555 x 295 / 21.9 x 32.3 x 11.6
Weight (Net / Gross) (kg / lbs)	35 / 38.5 (77.2 / 84.8)	41 / 45 (90.4 / 99)

Specifications are subject to change without notice.



Standby UPS Series

Line Interactive UPS Series

On Line UPS Series

AVR Series

Inverter Series

Surge Series

Green Power Series

Networking Series



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